


From: Leonard Bouley </O=STAVIS/OU=FIRST ADMINISTRATIVE GROUP/CN=RECIPIENTS/CN=LBOULEY>
Sent: Thursday, March 1, 2012 2:36:38 PM
To: John Murphy <jmurphy@Stavis.com>
Subject: FW: IIAR February 2012 Newsletter

Hello John,
I don't know if you get this or not, very good issues this month
Perhaps some of them we could attend?
Lenny

From: News From IIAR [mailto:onlinenewsletter@iiar.org]
Sent: Wednesday, February 29, 2012 4:14 PM
To: Leonard Bouley
Subject: IIAR February 2012 Newsletter

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February 29, 2012	SEND TO A FRIEND
IN THIS ISSUE	Ammonia Refrigeration Piping Handbook Available Now
<ul style="list-style-type: none">• Ammonia Refrigeration Piping Handbook Available Now• IIAR to Unveil Publication Offering, New Event at Annual Conference• Regulatory Agenda Hints at Coming OSHA Standards• U.S. Manufacturing Shows Promise of Growth• Employee Fined for Ammonia Discharge• Ammonia Increasingly Popular Around the World• New PSM/ RMP Guidelines Available at	<p>The updated version of IIAR's Ammonia Refrigeration Piping Handbook is now available. The Handbook is the ultimate guide to modern ammonia refrigeration piping as well as a comprehensive introduction to piping design and installation as it is practiced in the field. Don't wait, make sure your design and maintenance processes are up to date today!</p> <p>Click here to purchase your update.</p>
	Register Now for IIAR's Free Ammonia Safety Training Day
	<p>Are you ready for IIAR's first annual Ammonia Safety Training Day? Reserve your space now to attend this free event, open to all IIAR members and non-members. Offered in association with the 2012 Industrial Refrigeration Conference & Exhibition, the Ammonia Safety Training Day is a great way to provide the safety awareness training that is so critical to our industry.</p>

[Annual Conference](#)
• [Ammonia Refrigeration](#)
[Piping Handbook](#)
[Available Now](#)

Mark Your Calendar!

The 2012 **IIAR** Industrial Refrigeration Conference & Exhibition is set for **March 18-21** in **Milwaukee, Wisconsin!**



[Click on the Conference picture above to go to the Conference & Exhibition main page on the IIAR website.](#)



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Regulatory Agenda Hints at Coming OSHA Standards

The Occupational Safety and Health Administration recently released its Fall 2011 Unified Agenda, offering a preview of the agency's upcoming regulatory efforts.

The biggest addition, "A Review/ Lookback of OSHA Chemical Standards" addresses the agency's permissible exposure limits for hazardous substances. Now in the pre-rule stage, the proposal to update exposure limits stems from statements by regulators and industry groups who have said the current PELs – adopted in 1971 – don't properly protect workers from dangerous substances.

Meanwhile, the Injury Illness and Prevention Program rule was published in the pre-rule stage, OSHA said. Finally, a third rule, OSHA's Hazard Communication Standard, which would align chemical labeling requirements with the Globally Harmonized System of Classification and Labeling of Chemicals, was placed in the final rule stage. The classification system is used worldwide, and final approval of OSHA's rule is expected sometime early this year.

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U.S. Manufacturing Shows Promise of Growth

The nation's manufacturing employment figures are on the rise, suggesting that U.S. firms in traditional manufacturing sectors like the food production and ammonia refrigeration industry are coming out of the economic downturn with a focus on creating efficiency with the addition of new jobs and a focus on lean and productive operations.

According to Department of Labor figures released at the end of 2011, U.S. manufacturing employment has seen a second consecutive year of job creation, adding some 334,000 manufacturing jobs. While that figure does not return the manufacturing workforce to pre-recession levels, it does suggest that U.S. manufacturers have looked to energy efficiency campaigns to capitalize on energy cost savings and other non-energy benefits like productivity, reduced scrap, and process optimization—to boost competitiveness, the report said.

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Employee Fined for Ammonia Discharge

Three lifeguards were sent to a hospital for observation in Ontario, Canada, and an operations supervisor with Black & McDonald, a facility management company, was fined \$40,000 for violations under that country's Environmental Protection Act after the supervisor opened a vent valve on the condenser at the Erickson Arena, and began to purge ammonia gas.

The released ammonia drifted to the nearby Walter Hawkins Pool, located beside the arena, where the lifeguards began experiencing symptoms and cleared the pool of its occupants. The supervisor also received another \$20,000 fine for failing to notify the Ontario Ministry of Environment of the discharge.

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Ammonia Increasingly Popular Around the World

Ammonia is an increasingly popular option for a range of industrial refrigeration applications, including pharmaceutical processing, food processing and storage, and ice rinks, among other uses. Several new facilities around the world attest to the growing demand for ammonia refrigeration, including a Coca Cola facility in Malaysia, a Nestlé facility in Russia and an ice rink in the United Kingdom.

In Malaysia, Coca Cola has opened a facility that features an ammonia refrigeration system meant to showcase the company's environmentally friendly practices and serve as a model for other bottlers in the region. Nestlé's Timashvesk coffee processing facility in Russia makes use of a NH₃/ CO₂ cascade refrigeration system, which the company says is the largest of its kind in Europe.

Meanwhile, facility management company J & E Hall said it refurbished Oxford's ice rink with a custom 360kW ammonia chiller featuring two HallScrew compressors. The company said the ammonia system was chosen because of its superior thermodynamic properties, a factor that allows the system to run on less electricity.

[Click here](#) to read more.

New PSM/ RMP Guidelines Available at Annual Conference

IIAR is excited to announce that it will debut the new Process Safety Management and Risk Management Program Guidelines at the IIAR 2012 Industrial Refrigeration Conference bookstore. Get

your newly integrated two-volume set at the special discounted promotional price of \$1,250, a \$500 conference discount, while supplies last.

Time is Running Out to Reserve Your Space on IAR's Guest Tours

Sign up now to reserve your space on IAR's spouse, guest tour list! Three great tour options are open to guests who would like to explore Milwaukee during IAR's 2012 Industrial Refrigeration Conference. IAR's host city is packed with great museums, beautiful historic buildings, top notch shopping and, of course, the breweries. Don't miss out on these exciting events.

[Click here](#) to reserve your space.

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